

An  
 Inaugural Dissertation

On  
 Pneumonia (Influenza).

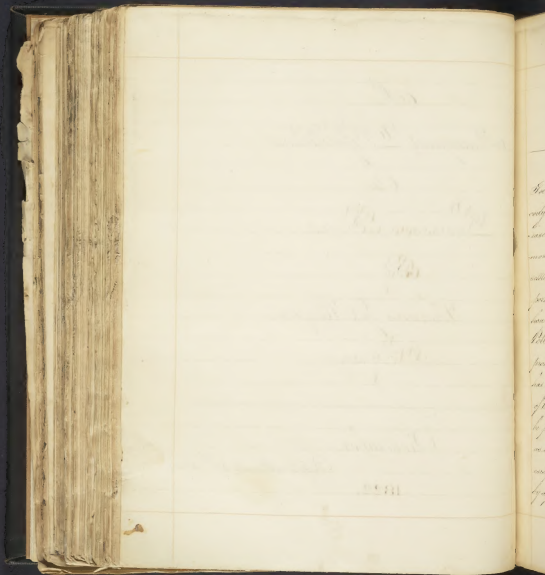
By  
 Thomas J. Harper.  
 Virginia.

"I had with me the most useful guide the reader will find, and will give him the best of them."

November.

Printed March 12<sup>th</sup> 1823

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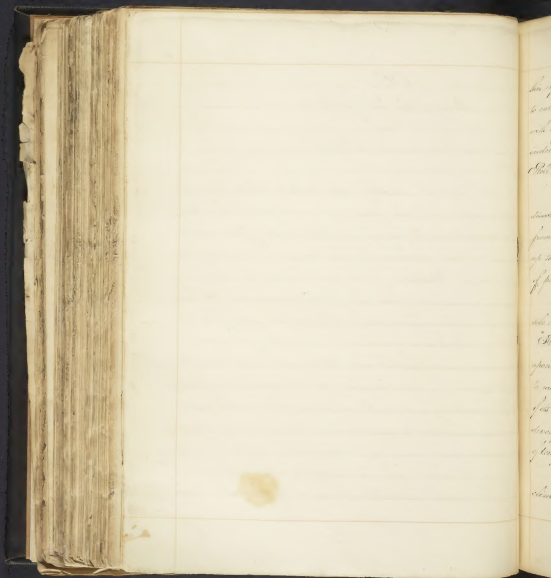


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An  
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*Pneumonia Biliosa*

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In the medical annals of the United States it is not only a remarkable, but, perhaps a singular fact, that a disease so rapid in its progress and fatal in its effects as pneumonia biliosa, a disease that has been known since the first settlement of Virginia, should have claimed so small a portion of attention from the faculty of medicine. It has, however, within a short period, received from Professor Keller of Baltimore a well written description of its most prominent characteristics and therapeutic indications. Nor has it escaped the attention of our own distinguished Professors of the practice of medicine &c in whose Therapeutics are to be found delineated its most prominent diagnostic symptoms, as well as correct method of treatment. This disease has not, escaped the notice of the elder writers in medicine, but it is only by a few incidental observations thrown out by them, that we draw



less influence, they, from a want of proper discrimination, were led to call all diseases *bilious*, in which the excretion was tinged with a yellowish hue. I will here remark in advance, that I am indebted for a history of the disease to the work of *Pezzer* & *Hell*, entitled "*ratio medendi*."

This is common with many other diseases originates from sudden vicissitudes of weather, or changes from cold to heat &c. A dense, cold, humid atmosphere, closing up the exhalents of the skin is by *Boissac* said to be a cause of pneumonia, biliosa.

To those, which are the principle of, not the sole causes given by European writers, may be added many others. "It is the immediate offspring of a low temperature engendered upon misanthropic predisposition." No country long exposed to misanthropic influences, is clear of its prevalence in some one of its various modifications. But the disease is more fully developed in those latitudes, most exposed to sudden changes of temperature.

Emigrants, from a northern to southern climate, are in an eminent degree liable to the bilious

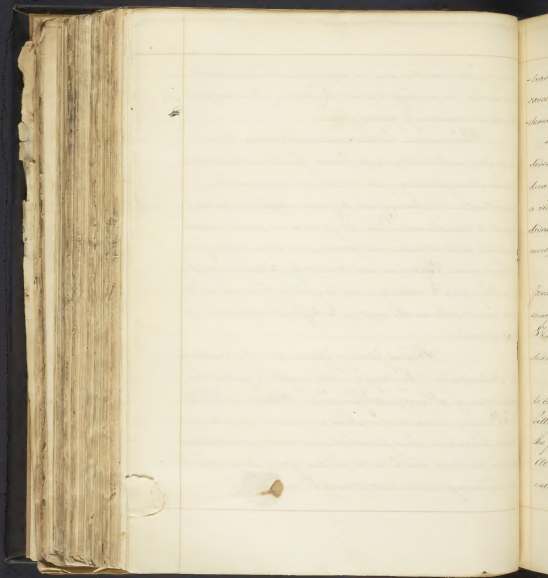
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fevers of the country, and to pneumonia biliosa, which bears as close an analogy to them. In persons of this description the disease commonly proves fatal.

Pneumonia biliosa, not, unlike some other disease, seems to select, in preference for its victims, particular descriptions of individuals even among active inhabitants. Children, of the different classes are the least subject to this disease. Very old persons are next in gradation less liable to its attacks; and women are more exempt from it than men. Negroes are not commonly its subjects; and when they are, its violence is not so great in them as in white male adults, who are the most of the different classes subject to its attacks.

Bilious pleurisy appears not only sporadically, but epidemically. In proof of which might be quoted the authorities of Europe, America, Asia, Africa, &c.

We may easily conceive, that, in years when autumnal bilious fevers have been prevalent, and numerous individuals thereby rendered liable to the bilious type of disease, would the following winter and spring be marked by re-





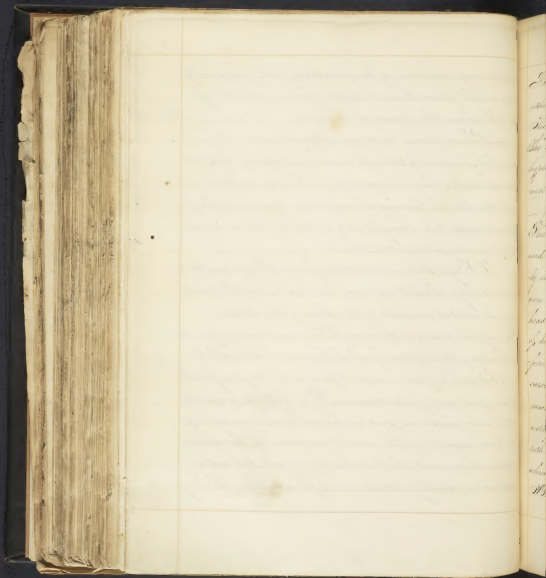
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-extraordinary variations of temperature, such a number of cases might show themselves, as to assume rather the epidemic, than the sporadic character.

Persons living under an atmosphere like the one described, frequently (though unconsciously) have hepatic derangements. They consequently hold their residence by a slender tenure, bearing always about them the seeds of disease, ready to be brought into action by the numerous morbid causes surrounding them.

Violated intermittent fevers, also, intermittents prematurely checked by peruvian bark and the tonics may be added as causes, to the above, of this disease.

Having thus pointed out the causes of Linnæan's disease, I pass to the description of the symptoms by which the disease is marked.

Catarrh is long observed for several days, may be said to be a precursor of this disease. *Sp.* of aphelids, a mouth bitter and glutinous, and nocturnal sweats are among the first monitors of the morbid condition of the system. It is then succeed chills and a severe cold, but not so intense as usually attends true inflammation of the lungs.



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and, having been in the city of New York  
for some time, I have been able to  
collect a number of specimens of the  
various species of the genus, and have  
found that the most common is the  
one which I have named "C. communis".

The next most common is the one which I  
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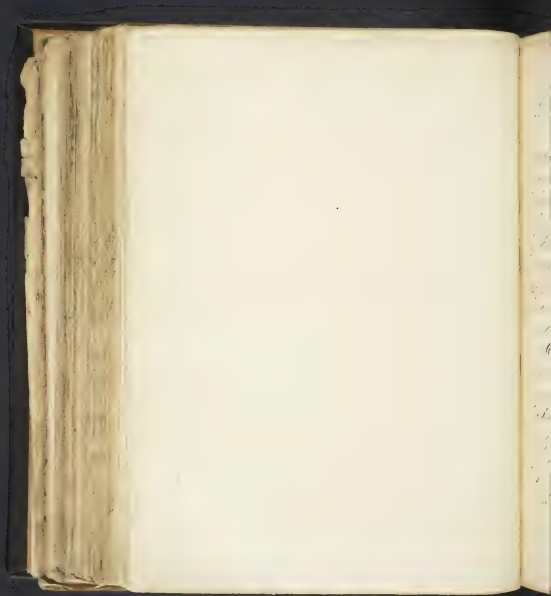
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The seventh most common is the one which I  
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The tenth most common is the one which I  
have named "C. communis". The eleventh  
most common is the one which I have  
named "C. communis".













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18<sup>th</sup> Feb. 1844. Received of the Hon. Secy. of the Navy  
the sum of £1000

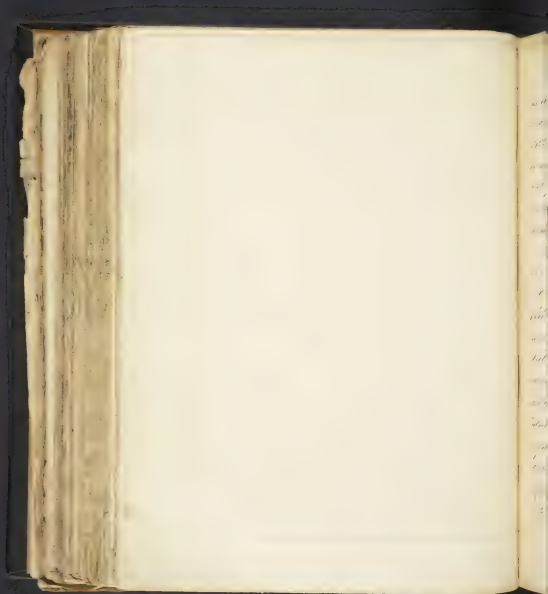
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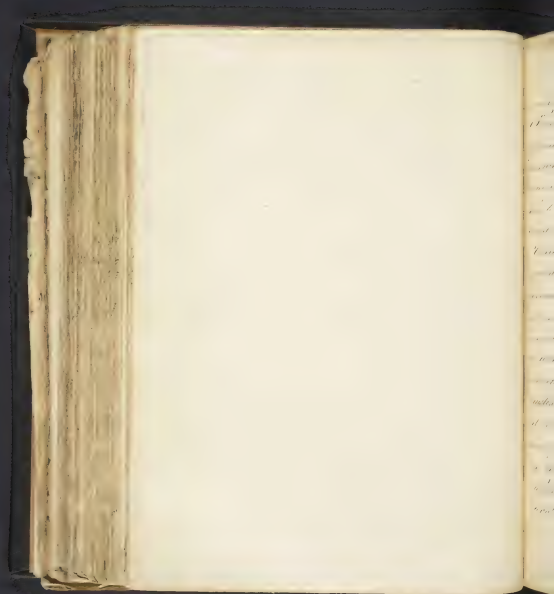






is the vomiting which must now be induced, & ex-  
pected with tolerable ease in Hemorrhoids, but in all  
Ist & 2d<sup>o</sup> Cases, a violent & dangerous purgation  
is not a rule. In the order of Nature, the evacuation is  
not a violent one, as in all the last mentioned  
conditions, there is little or no tension of the  
peristalsis.

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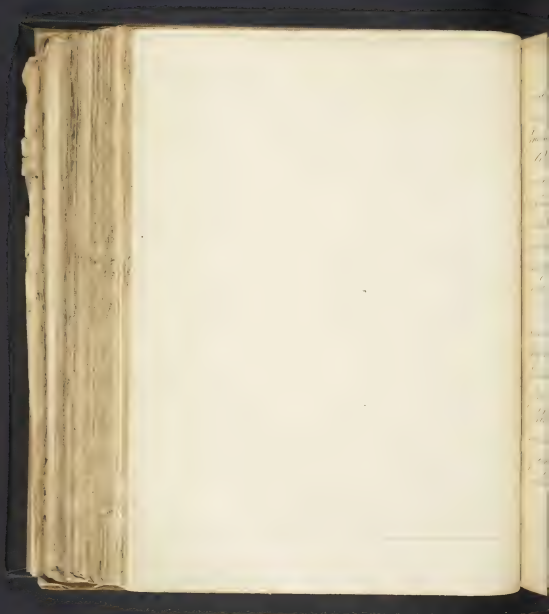


and the instructions, in it, must.

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<sup>800</sup> <sup>801</sup> <sup>802</sup> <sup>803</sup> <sup>804</sup> <sup>805</sup> <sup>806</sup> <sup>807</sup> <sup>808</sup> <sup>809</sup> <sup>810</sup> <sup>811</sup> <sup>812</sup> <sup>813</sup> <sup>814</sup> <sup>815</sup> <sup>816</sup> <sup>817</sup> <sup>818</sup> <sup>819</sup> <sup>820</sup> <sup>821</sup> <sup>822</sup> <sup>823</sup> <sup>824</sup> <sup>825</sup> <sup>826</sup> <sup>827</sup> <sup>828</sup> <sup>829</sup> <sup>830</sup> <sup>831</sup> <sup>832</sup> <sup>833</sup> <sup>834</sup> <sup>835</sup> <sup>836</sup> <sup>837</sup> <sup>838</sup> <sup>839</sup> <sup>840</sup> <sup>841</sup> <sup>842</sup> <sup>843</sup> <sup>844</sup> <sup>845</sup> <sup>846</sup> <sup>847</sup> <sup>848</sup> <sup>849</sup> <sup>850</sup> <sup>851</sup> <sup>852</sup> <sup>853</sup> <sup>854</sup> <sup>855</sup> <sup>856</sup> <sup>857</sup> <sup>858</sup> <sup>859</sup> <sup>860</sup> <sup>861</sup> <sup>862</sup> <sup>863</sup> <sup>864</sup> <sup>865</sup> <sup>866</sup> <sup>867</sup> <sup>868</sup> <sup>869</sup> <sup>870</sup> <sup>871</sup> <sup>872</sup> <sup>873</sup> <sup>874</sup> <sup>875</sup> <sup>876</sup> <sup>877</sup> <sup>878</sup> <sup>879</sup> <sup>880</sup> <sup>881</sup> <sup>882</sup> <sup>883</sup> <sup>884</sup> <sup>885</sup> <sup>886</sup> <sup>887</sup> <sup>888</sup> <sup>889</sup> <sup>890</sup> <sup>891</sup> <sup>892</sup> <sup>893</sup> <sup>894</sup> <sup>895</sup> <sup>896</sup> <sup>897</sup> <sup>898</sup> <sup>899</sup> <sup>900</sup> <sup>901</sup> <sup>902</sup> <sup>903</sup> <sup>904</sup> <sup>905</sup> <sup>906</sup> <sup>907</sup> <sup>908</sup> <sup>909</sup> <sup>910</sup> <sup>911</sup> <sup>912</sup> <sup>913</sup> <sup>914</sup> <sup>915</sup> <sup>916</sup> <sup>917</sup> <sup>918</sup> <sup>919</sup> <sup>920</sup> <sup>921</sup> <sup>922</sup> <sup>923</sup> <sup>924</sup> <sup>925</sup> <sup>926</sup> <sup>927</sup> <sup>928</sup> <sup>929</sup> <sup>930</sup> <sup>931</sup> 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<sup>998</sup> <sup>999</sup> <sup>1000</sup> <sup>1001</sup> <sup>1002</sup> <sup>1003</sup> <sup>1004</sup> <sup>1005</sup> <sup>1006</sup> <sup>1007</sup> <sup>1008</sup> <sup>1009</sup> <sup>1010</sup> <sup>1011</sup> <sup>1012</sup> <sup>1013</sup> <sup>1014</sup> <sup>1015</sup> <sup>1016</sup> <sup>1017</sup> <sup>1018</sup> <sup>1019</sup> <sup>1020</sup> <sup>1021</sup> <sup>1022</sup> <sup>1023</sup> <sup>1024</sup> <sup>1025</sup> <sup>1026</sup> <sup>1027</sup> <sup>1028</sup> <sup>1029</sup> <sup>1030</sup> <sup>1031</sup> <sup>1032</sup> <sup>1033</sup> <sup>1034</sup> <sup>1035</sup> <sup>1036</sup> <sup>1037</sup> <sup>1038</sup> <sup>1039</sup> <sup>1040</sup> <sup>1041</sup> <sup>1042</sup> <sup>1043</sup> <sup>1044</sup> <sup>1045</sup> <sup>1046</sup> <sup>1047</sup> <sup>1048</sup> <sup>1049</sup> <sup>1050</sup> <sup>1051</sup> <sup>1052</sup> <sup>1053</sup> <sup>1054</sup> <sup>1055</sup> <sup>1056</sup> <sup>1057</sup> <sup>1058</sup> <sup>1059</sup> 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<sup>1184</sup> <sup>1185</sup> <sup>1186</sup> <sup>1187</sup> <sup>1188</sup> <sup>1189</sup> <sup>1190</sup> <sup>1191</sup> <sup>1192</sup> <sup>1193</sup> <sup>1194</sup> <sup>1195</sup> <sup>1196</sup> <sup>1197</sup> <sup>1198</sup> <sup>1199</sup> <sup>1200</sup> <sup>1201</sup> <sup>1202</sup> <sup>1203</sup> <sup>1204</sup> <sup>1205</sup> <sup>1206</sup> <sup>1207</sup> <sup>1208</sup> <sup>1209</sup> <sup>1210</sup> <sup>1211</sup> <sup>1212</sup> <sup>1213</sup> <sup>1214</sup> <sup>1215</sup> <sup>1216</sup> <sup>1217</sup> <sup>1218</sup> <sup>1219</sup> <sup>1220</sup> <sup>1221</sup> <sup>1222</sup> <sup>1223</sup> <sup>1224</sup> <sup>1225</sup> <sup>1226</sup> <sup>1227</sup> <sup>1228</sup> <sup>1229</sup> <sup>1230</sup> <sup>1231</sup> <sup>1232</sup> <sup>1233</sup> <sup>1234</sup> <sup>1235</sup> <sup>1236</sup> <sup>1237</sup> <sup>1238</sup> <sup>1239</sup> <sup>1240</sup> <sup>1241</sup> <sup>1242</sup> <sup>1243</sup> <sup>1244</sup> <sup>1245</sup> 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<sup>1308</sup> <sup>1309</sup> <sup>1310</sup> <sup>1311</sup> <sup>1312</sup> <sup>1313</sup> <sup>1314</sup> <sup>1315</sup> <sup>1316</sup> <sup>1317</sup> <sup>1318</sup> <sup>1319</sup> <sup>1320</sup> <sup>1321</sup> <sup>1322</sup> <sup>1323</sup> <sup>1324</sup> <sup>1325</sup> <sup>1326</sup> <sup>1327</sup> <sup>1328</sup> <sup>1329</sup> <sup>1330</sup> <sup>1331</sup> <sup>1332</sup> <sup>1333</sup> <sup>1334</sup> <sup>1335</sup> <sup>1336</sup> <sup>1337</sup> <sup>1338</sup>



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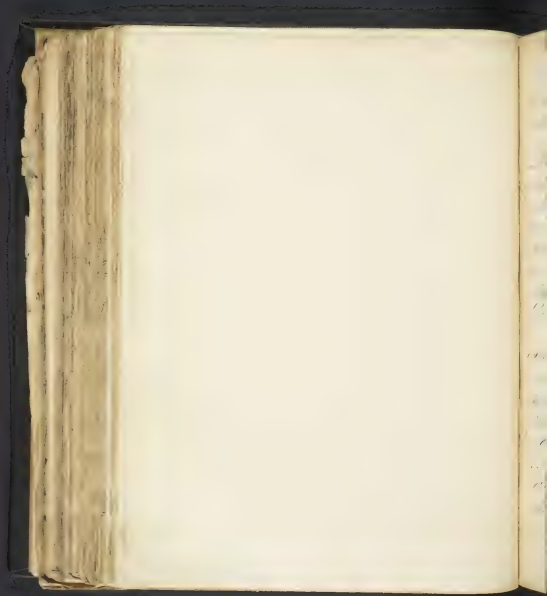
about 1890 I went to attend school at  
the college. I was very interested in  
the study of history and geography.

1)  $\frac{d}{dt} \left( \frac{\partial L}{\partial v^i} \right) = \frac{\partial L}{\partial x^i}$





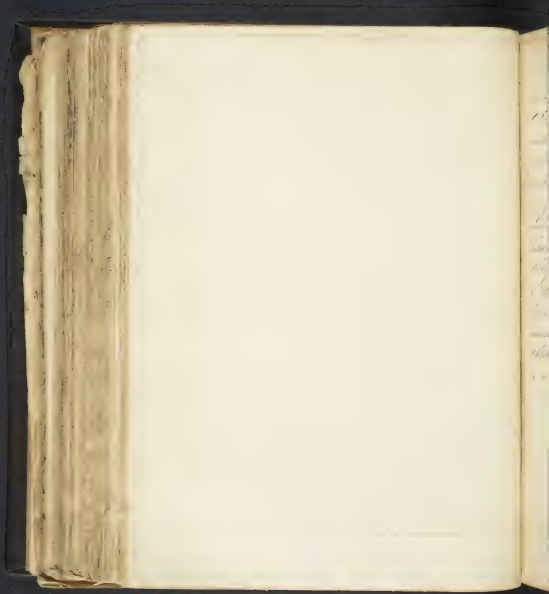




1870







to a close all I had to say on perimenstrual catarrhs.  
 I submit to you Gentlemen, the observations made,  
 without an apology, whom, in gratitude I am com-  
 pelled to remember with the highest degree of respect  
 and veneration, in what ever station of life, fortune  
 may cast my lot. To apologise for various reasons  
 not requisite to mention, is unnecessary. I trust,  
 however, it may be allowable for me to say, that from  
 the scarcity of the materials, and the inexperience  
 of youth, any hints may have been dropped, which  
 will lead to a further investigation of the disease  
 mentioned, I will have done all, perhaps more,  
 than I dare hope, since hope draws largely on  
 a small capital not yet in its possession.

